

Please type a plus sign (+) inside this box →

+

PTO/SB/05 (08-00) (modified)

Approved for use through 9/30/2001, OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

NEW UTILITY PATENT APPLICATION TRANSMITTAL

(only for new nonprovisional applications under

37 CFR 1.53(b))

Attorney Docket Number

22837-06289

First Named Inventor

Yoshihiro Yamaguchi

Title

BLADE SHAPE DESIGNING
METHOD, PROGRAM THEREOF AND
INFORMATION MEDIUM HAVING
THE PROGRAM RECORDED
THEREON

Express Mail Label No.

EL566299204US

APPLICATION ELEMENTS

1. ☒ Fee Transmittal Form (in duplicate)
2. ☐ Applicant claims small entity status.
See 37 CFR 1.27
3. ☒ Specification Total Pages **31**
(preferred arrangement set forth below)
 - ☒ Descriptive Title of the Invention
 - ☒ Cross Reference(s) to Related Case(s)
 - ☒ Statement Regarding Fed sponsored R & D
 - ☒ Background of the Invention
 - ☒ Brief Summary of the Invention
 - ☒ Brief Description of the Drawing(s)
 - ☒ Detailed Description
 - ☒ Claim or Claims
 - ☒ Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. Total Sheets **11**
113)
5. Oath or Declaration
 - a. ☒ New Declaration Total Pages **1**
☐ Executed (original or copy)
 - b. ☐ Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)
 - i. ☐ DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s)
named in the prior application, see 37 CFR
1.63(d)(2) and 1.33(b).
6. ☒ Application Data Sheet. See 37 CFR 1.76

ACCOMPANYING APPLICATION PARTS

7. ☐ Assignment Papers (cover sheet & document(s))
8. ☐ Certified Copy of Priority Document(s) (if foreign priority
is claimed)
9. ☒ Power of Attorney or Authorization of Agent
10. ☐ 37 CFR 3.73(b) Statement
11. ☐ Preliminary Amendment
12. ☐ Information Disclosure Statement & PTO-1449
☐ Copies of IDS Citation(s)
13. ☐ Nonpublication Request under 35 U.S.C. 122
(b)(2)(B)(i). Applicant must attach form
PTO/SB/35 or its equivalent
14. ☒ Return Postcard
15. ☐
16. ☐
17. ☐

ADDRESS TO:

**Box Patent Application
Commissioner for Patents
Washington, D.C. 20231**

18. If a **CONTINUING APPLICATION**, check appropriate box and supply the requisite information below and in a preliminary amendment or in an Application Data Sheet under 37 CFR 1.76.

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No: ____/____

Prior application information: Examiner: _____

Group/Art Unit: _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuing or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

☒ Customer Number and Bar Code
Label



00758

Name (Print/Type)	Albert C. Smith	Registration No. (Attorney/Agent)	20,355
Signature	<i>A.C. Smith</i>	Date	8/15/01

0002/PTO(modified) Rev. 10/2000	U.S. Department of Commerce Patent and Trademark Office	Complete if Known Application Number _____ Filing Date <u>August 15, 2001</u> First Named Inventor <u>Yoshihiro Yamaguchi</u> Group Art Unit _____ Examiner Name _____ Attorney Docket Number <u>22837-06289</u>
FEE TRANSMITTAL		
TOTAL AMOUNT OF PAYMENT Subtotal (1) + Subtotal (2) + Subtotal (3) = (\$710.00)		

METHOD OF PAYMENT	FEE CALCULATION (continued)																																																																																								
1. The Commissioner is hereby authorized to: <input type="checkbox"/> Charge the indicated fees to the below mentioned deposit account. <input checked="" type="checkbox"/> Charge any additional fee required under 37 CFR 1.16 - 1.21 or credit any over payments to the below mentioned deposit account. † <input type="checkbox"/> Applicant claims small entity status See 37 CFR 1.27 Deposit Account Number: <u>19-2555</u> Deposit Account Name: <u>FENWICK & WEST LLP</u> <input checked="" type="checkbox"/> Duplicate Copy of this authorization is attached 2. Payment Enclosed: <input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Other	3. ADDITIONAL FEES <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Large Entity Fee Code/Fee</th> <th style="text-align: left;">Small Entity Fee Code/Fee</th> <th style="text-align: left;">Fee Description</th> <th style="text-align: left;">Fee Due</th> </tr> </thead> <tbody> <tr><td>105/\$130</td><td>205/\$65</td><td>Surcharge - late filing fee or oath</td><td><input type="text"/></td></tr> <tr><td>127/\$50</td><td>227/\$25</td><td>Surcharge-late provisional filing fee or cover sheet</td><td><input type="text"/></td></tr> <tr><td>147/\$2,520</td><td>147/\$2,520</td><td>For filing a request for reexamination</td><td><input type="text"/></td></tr> <tr><td>115/\$110</td><td>215/\$55</td><td>Extension for response within first month†</td><td><input type="text"/></td></tr> <tr><td>116/\$390</td><td>216/\$195</td><td>Extension for response within second month†</td><td><input type="text"/></td></tr> <tr><td>117/\$890</td><td>217/\$445</td><td>Extension for response within third month†</td><td><input type="text"/></td></tr> <tr><td>118/\$1,390</td><td>218/\$695</td><td>Extension for response within fourth month†</td><td><input type="text"/></td></tr> <tr><td>128/\$1,890</td><td>228/\$945</td><td>Extension for response within fifth month†</td><td><input type="text"/></td></tr> <tr><td>119/\$310</td><td>219/\$155</td><td>Notice of Appeal</td><td><input type="text"/></td></tr> <tr><td>141/\$1,240</td><td>241/\$620</td><td>Petition to revive unintentionally abandoned application</td><td><input type="text"/></td></tr> <tr><td>142/\$1,240</td><td>242/\$620</td><td>Utility Issue Fee (Or Reissue)</td><td><input type="text"/></td></tr> <tr><td>143/\$440</td><td>243/\$220</td><td>Design Issue Fee</td><td><input type="text"/></td></tr> <tr><td>122/\$130</td><td>122/\$130</td><td>Petitions to the Commissioner</td><td><input type="text"/></td></tr> <tr><td>126/\$180</td><td>126/\$180</td><td>Submission of Information Disclosure Statement</td><td><input type="text"/></td></tr> <tr><td>179/\$710</td><td>279/\$355</td><td>Request for Continued Examination (RCE)</td><td><input type="text"/></td></tr> <tr><td>581/\$40</td><td>581/\$40</td><td>Recording each patent assignment per property (times number of properties)</td><td><input type="text"/></td></tr> <tr><td>146/\$710</td><td>246/\$355</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td><input type="text"/></td></tr> <tr><td>149/\$710</td><td>249/\$355</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td><input type="text"/></td></tr> <tr><td colspan="3">Other fee (specify):</td><td><input type="text"/></td></tr> <tr><td colspan="3">Other fee (specify):</td><td><input type="text"/></td></tr> <tr> <td colspan="3" style="text-align: right;">SUBTOTAL (3)</td> <td>(\$0)</td> </tr> </tbody> </table>	Large Entity Fee Code/Fee	Small Entity Fee Code/Fee	Fee Description	Fee Due	105/\$130	205/\$65	Surcharge - late filing fee or oath	<input type="text"/>	127/\$50	227/\$25	Surcharge-late provisional filing fee or cover sheet	<input type="text"/>	147/\$2,520	147/\$2,520	For filing a request for reexamination	<input type="text"/>	115/\$110	215/\$55	Extension for response within first month†	<input type="text"/>	116/\$390	216/\$195	Extension for response within second month†	<input type="text"/>	117/\$890	217/\$445	Extension for response within third month†	<input type="text"/>	118/\$1,390	218/\$695	Extension for response within fourth month†	<input type="text"/>	128/\$1,890	228/\$945	Extension for response within fifth month†	<input type="text"/>	119/\$310	219/\$155	Notice of Appeal	<input type="text"/>	141/\$1,240	241/\$620	Petition to revive unintentionally abandoned application	<input type="text"/>	142/\$1,240	242/\$620	Utility Issue Fee (Or Reissue)	<input type="text"/>	143/\$440	243/\$220	Design Issue Fee	<input type="text"/>	122/\$130	122/\$130	Petitions to the Commissioner	<input type="text"/>	126/\$180	126/\$180	Submission of Information Disclosure Statement	<input type="text"/>	179/\$710	279/\$355	Request for Continued Examination (RCE)	<input type="text"/>	581/\$40	581/\$40	Recording each patent assignment per property (times number of properties)	<input type="text"/>	146/\$710	246/\$355	Filing a submission after final rejection (37 CFR 1.129(a))	<input type="text"/>	149/\$710	249/\$355	For each additional invention to be examined (37 CFR 1.129(b))	<input type="text"/>	Other fee (specify):			<input type="text"/>	Other fee (specify):			<input type="text"/>	SUBTOTAL (3)			(\$0)
Large Entity Fee Code/Fee	Small Entity Fee Code/Fee	Fee Description	Fee Due																																																																																						
105/\$130	205/\$65	Surcharge - late filing fee or oath	<input type="text"/>																																																																																						
127/\$50	227/\$25	Surcharge-late provisional filing fee or cover sheet	<input type="text"/>																																																																																						
147/\$2,520	147/\$2,520	For filing a request for reexamination	<input type="text"/>																																																																																						
115/\$110	215/\$55	Extension for response within first month†	<input type="text"/>																																																																																						
116/\$390	216/\$195	Extension for response within second month†	<input type="text"/>																																																																																						
117/\$890	217/\$445	Extension for response within third month†	<input type="text"/>																																																																																						
118/\$1,390	218/\$695	Extension for response within fourth month†	<input type="text"/>																																																																																						
128/\$1,890	228/\$945	Extension for response within fifth month†	<input type="text"/>																																																																																						
119/\$310	219/\$155	Notice of Appeal	<input type="text"/>																																																																																						
141/\$1,240	241/\$620	Petition to revive unintentionally abandoned application	<input type="text"/>																																																																																						
142/\$1,240	242/\$620	Utility Issue Fee (Or Reissue)	<input type="text"/>																																																																																						
143/\$440	243/\$220	Design Issue Fee	<input type="text"/>																																																																																						
122/\$130	122/\$130	Petitions to the Commissioner	<input type="text"/>																																																																																						
126/\$180	126/\$180	Submission of Information Disclosure Statement	<input type="text"/>																																																																																						
179/\$710	279/\$355	Request for Continued Examination (RCE)	<input type="text"/>																																																																																						
581/\$40	581/\$40	Recording each patent assignment per property (times number of properties)	<input type="text"/>																																																																																						
146/\$710	246/\$355	Filing a submission after final rejection (37 CFR 1.129(a))	<input type="text"/>																																																																																						
149/\$710	249/\$355	For each additional invention to be examined (37 CFR 1.129(b))	<input type="text"/>																																																																																						
Other fee (specify):			<input type="text"/>																																																																																						
Other fee (specify):			<input type="text"/>																																																																																						
SUBTOTAL (3)			(\$0)																																																																																						
FEE CALCULATION (fees effective 10/01/2000) 1. FILING FEE <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Large Entity Fee Code/Fee</th> <th style="text-align: left;">Small Entity Fee Code/Fee</th> <th style="text-align: left;">Fee Description</th> <th style="text-align: left;">Fee Due</th> </tr> </thead> <tbody> <tr><td>101/\$710</td><td>201/\$355</td><td>Utility Filing</td><td><u>710</u></td></tr> <tr><td>106/\$320</td><td>206/\$160</td><td>Design Filing</td><td><input type="text"/></td></tr> <tr><td>108/\$710</td><td>208/\$355</td><td>Reissue</td><td><input type="text"/></td></tr> <tr><td>114/\$150</td><td>214/\$75</td><td>Provisional Filing</td><td><input type="text"/></td></tr> <tr> <td colspan="3">SUBTOTAL (1)</td> <td>(\$ 710)</td> </tr> </tbody> </table>	Large Entity Fee Code/Fee	Small Entity Fee Code/Fee	Fee Description	Fee Due	101/\$710	201/\$355	Utility Filing	<u>710</u>	106/\$320	206/\$160	Design Filing	<input type="text"/>	108/\$710	208/\$355	Reissue	<input type="text"/>	114/\$150	214/\$75	Provisional Filing	<input type="text"/>	SUBTOTAL (1)			(\$ 710)																																																																	
Large Entity Fee Code/Fee	Small Entity Fee Code/Fee	Fee Description	Fee Due																																																																																						
101/\$710	201/\$355	Utility Filing	<u>710</u>																																																																																						
106/\$320	206/\$160	Design Filing	<input type="text"/>																																																																																						
108/\$710	208/\$355	Reissue	<input type="text"/>																																																																																						
114/\$150	214/\$75	Provisional Filing	<input type="text"/>																																																																																						
SUBTOTAL (1)			(\$ 710)																																																																																						
2. CLAIMS <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Large Entity Fee Code/Fee</th> <th style="text-align: left;">Small Entity Fee Code/Fee</th> <th style="text-align: left;">Fee Description</th> </tr> </thead> <tbody> <tr><td>103/\$18</td><td>203/\$9</td><td>Claims in excess of 20</td></tr> <tr><td>102/\$80</td><td>202/\$40</td><td>Independent claims in excess of 3</td></tr> <tr><td>104/\$270</td><td>204/\$135</td><td>Multiple dependent claim</td></tr> <tr><td>109/\$80</td><td>209/\$40</td><td>Reissue independent claims over original patent</td></tr> <tr><td>110/\$18</td><td>210/\$9</td><td>Reissue claims in excess of 20 and over original patent</td></tr> </tbody> </table>	Large Entity Fee Code/Fee	Small Entity Fee Code/Fee	Fee Description	103/\$18	203/\$9	Claims in excess of 20	102/\$80	202/\$40	Independent claims in excess of 3	104/\$270	204/\$135	Multiple dependent claim	109/\$80	209/\$40	Reissue independent claims over original patent	110/\$18	210/\$9	Reissue claims in excess of 20 and over original patent																																																																							
Large Entity Fee Code/Fee	Small Entity Fee Code/Fee	Fee Description																																																																																							
103/\$18	203/\$9	Claims in excess of 20																																																																																							
102/\$80	202/\$40	Independent claims in excess of 3																																																																																							
104/\$270	204/\$135	Multiple dependent claim																																																																																							
109/\$80	209/\$40	Reissue independent claims over original patent																																																																																							
110/\$18	210/\$9	Reissue claims in excess of 20 and over original patent																																																																																							

(Col. 1)		(Col. 2)		(Col. 3)			
For	No. of Existing Claims		Highest No Previously Paid For		Extra**	Fee	Fee Due
TOTAL	15	minus*	20 or 0	=	0	x	0
INDEP	3	minus*	3 or 0	=	0	x	0
[] First presentation of multiple dependent claim							

* Subtract the greater number of Col. 2

** If the difference between Col. 1 and Col. 2 is less than zero, then enter "0" in Col. 3

SUBTOTAL (2) **(\$0)**

SUBMITTED BY		Complete (if applicable)	
Typed or Printed Name	<u>Albert C. Smith</u>	Reg. Number	<u>20,355</u>
Signature	<u>Albert C. Smith</u>	Date	<u>8/15/01</u>

† Request for Extension of Time per 37 CFR 1.136 (a)(3) made hereby